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Cumulative Michigan COVID-19 Data

Michigan COVID-19 State Data

10-3-2020

2020-10-03_MichiganOverview_COVIDstats

Michigan Department of Health & Human Services

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Coronavirus

CORONAVIRUS / MICHIGAN DATA

Michigan Data



DATA ABOUT
PLACES

LONG TERM CARE FACILITIES

CORONAVIRUS
SYMPTOMS

CUMULATIVE
RECOVERED

OUTBREAK
REPORTING



SCHOOL-RELATED
OUTBREAK REPORTING



10/3/2020

Coronavirus - Michigan Data

***Note on deaths (10/03/20):** Regular reviews of death certificate data maintained in Vital Records reporting systems are conducted by MDHHS staff three times per week. As a part of this process, records that identify COVID-19 infection as a contributing factor to death are compared against all laboratory confirmed cases of COVID-19 in the Michigan Disease Surveillance System (MDSS). If a death certificate is matched to a confirmed COVID-19 case and that record in the MDSS does not indicate the individual died, the MDSS record is updated to indicate the death and the appropriate local health department is notified. These matched deaths are then included with mortality information posted to the Michigan Coronavirus website. As a result of the most recent assessment, today's data includes **11** additional deaths identified by this methodology.

The State of Michigan is working around the clock to test and treat COVID-19 patients. Below is the most recent data healthcare experts across the state have compiled. It is updated Monday - Saturday.

CURRENT STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

DIAGNOSTIC TESTING

LEARN MORE

View Cases

View Deaths

View Table

Select Preparedness Region:

All

Select County:

All

This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection point of care (POC) tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Cases by County

Confirmed cases include individuals with a positive diagnostic test for COVID-19. Probable cases include individuals with COVID-19 symptoms and an epidemiologic link to confirmed COVID-19, but no diagnostic test.

Cases by County

11-46

47-245

246-1956

1957-21106

21107+

Michigan

Saturday, October 3, 2020

Michigan (Statewide) Case Fatality Rate

5.3%

Current Totals



Case Status	Cases	Deaths
Confirmed	127,516	6,801
Probable	13,755	323
Total	141,271	7,124

Laboratory Testing

Test Type	Tests Performed
Diagnostic	3,800,035
Serology	297,983
Total	4,098,018

Microsoft Power BI

< 1 of 7 >



https://www.michigan.gov/coronavirus/0,9753,7-406-98163_98173---,00.html

2/4

Cases by Hispanic/Latino Ethnicity

Hispanic/Latino Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Hispanic/Latino	8%	3%
Non-Hispanic Latino	70%	85%
Unknown	22%	12%

Totals may not add to 100% due to rounding

Cases by Arab Ethnicity

Arab Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Arab	5%	2%
Non-Arab	54%	47%
Unknown	41%	51%

Totals may not add to 100% due to rounding

PUBLIC USE DATASETS 10/03/2020

(Downloadable .xlsx files)

Cases and Deaths by County

Cases and Deaths by County by Date

Cases by Demographics Statewide

COVID-19 Tests by County

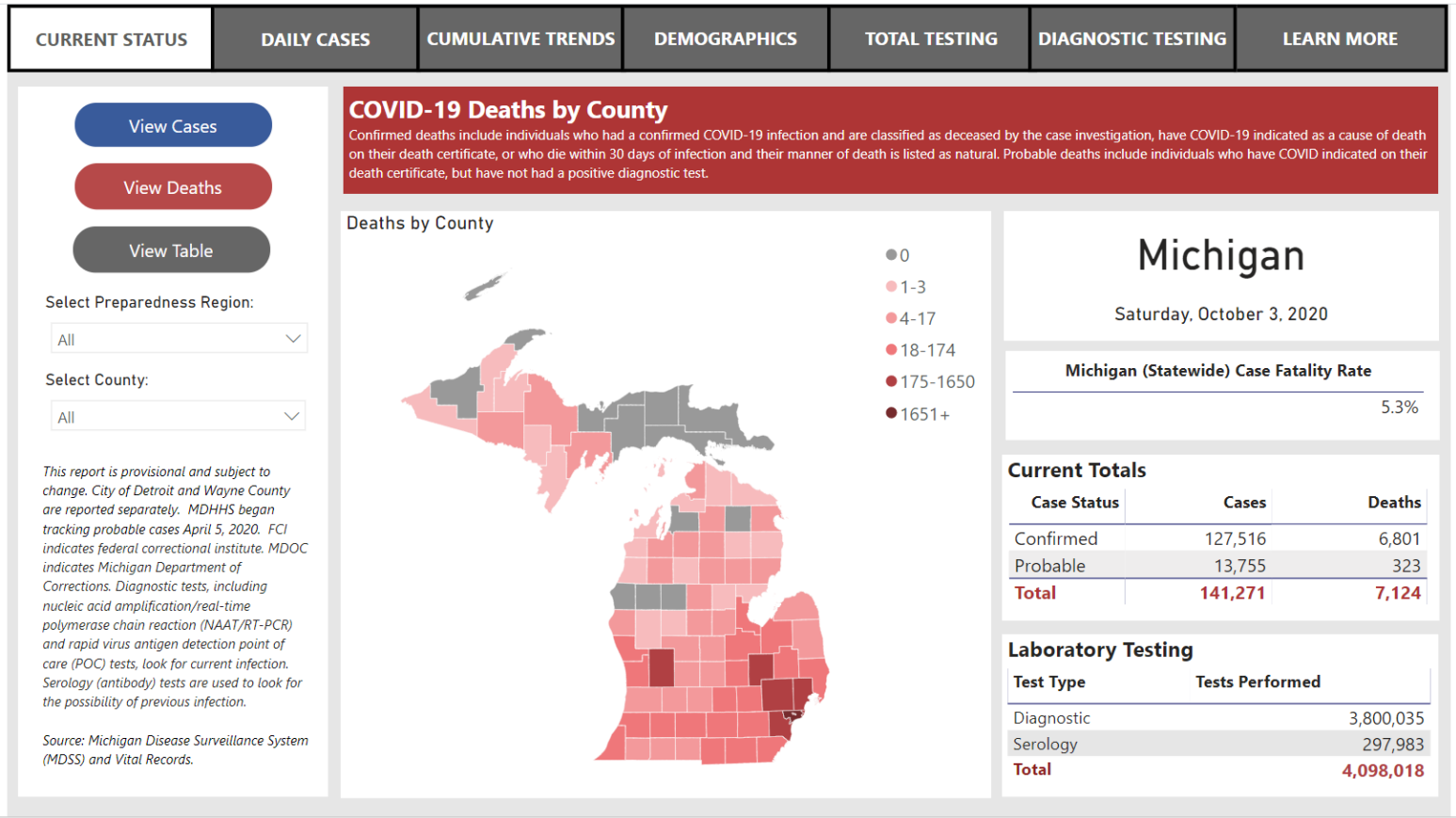
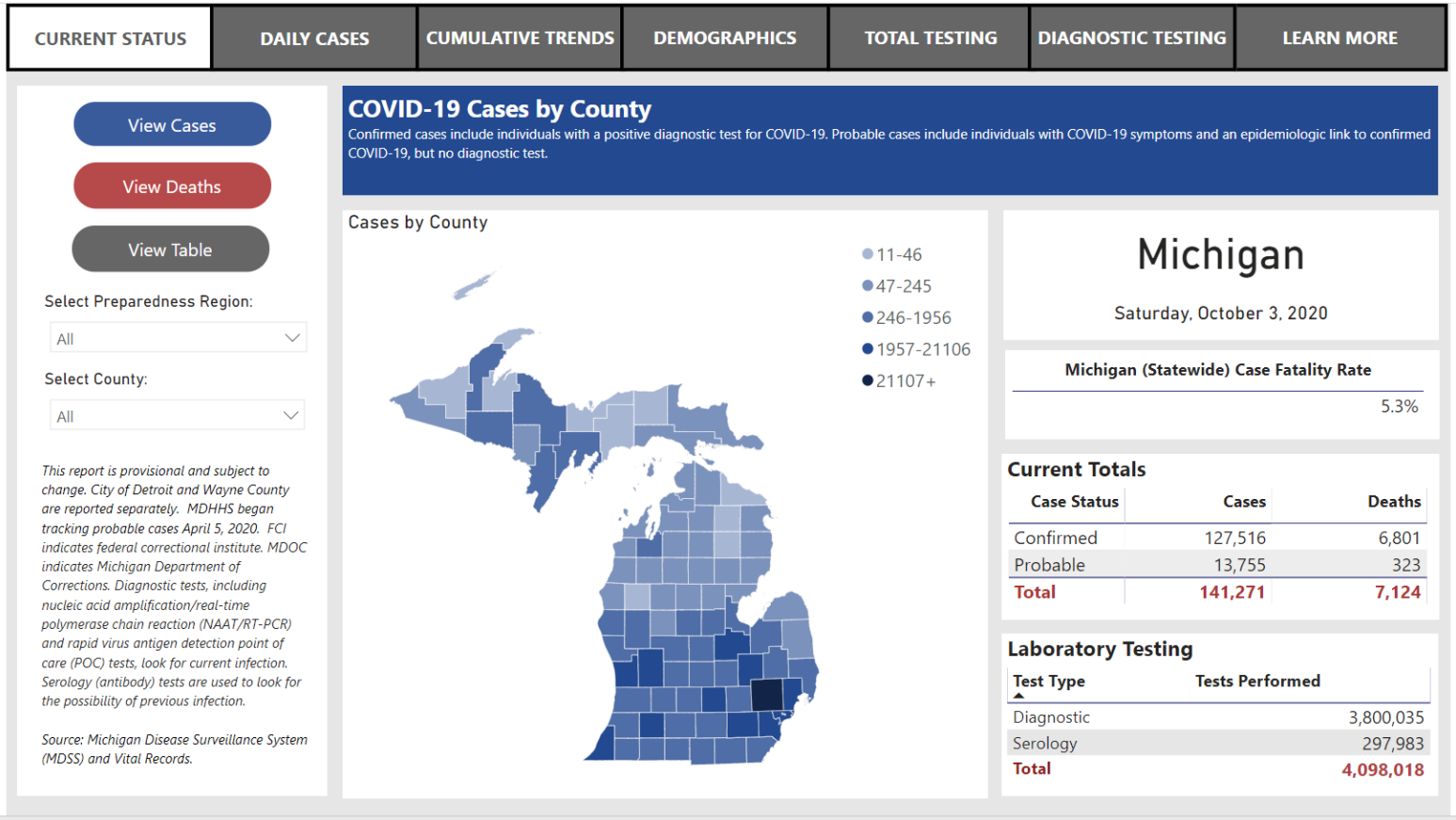
Diagnostic Tests by Result and County

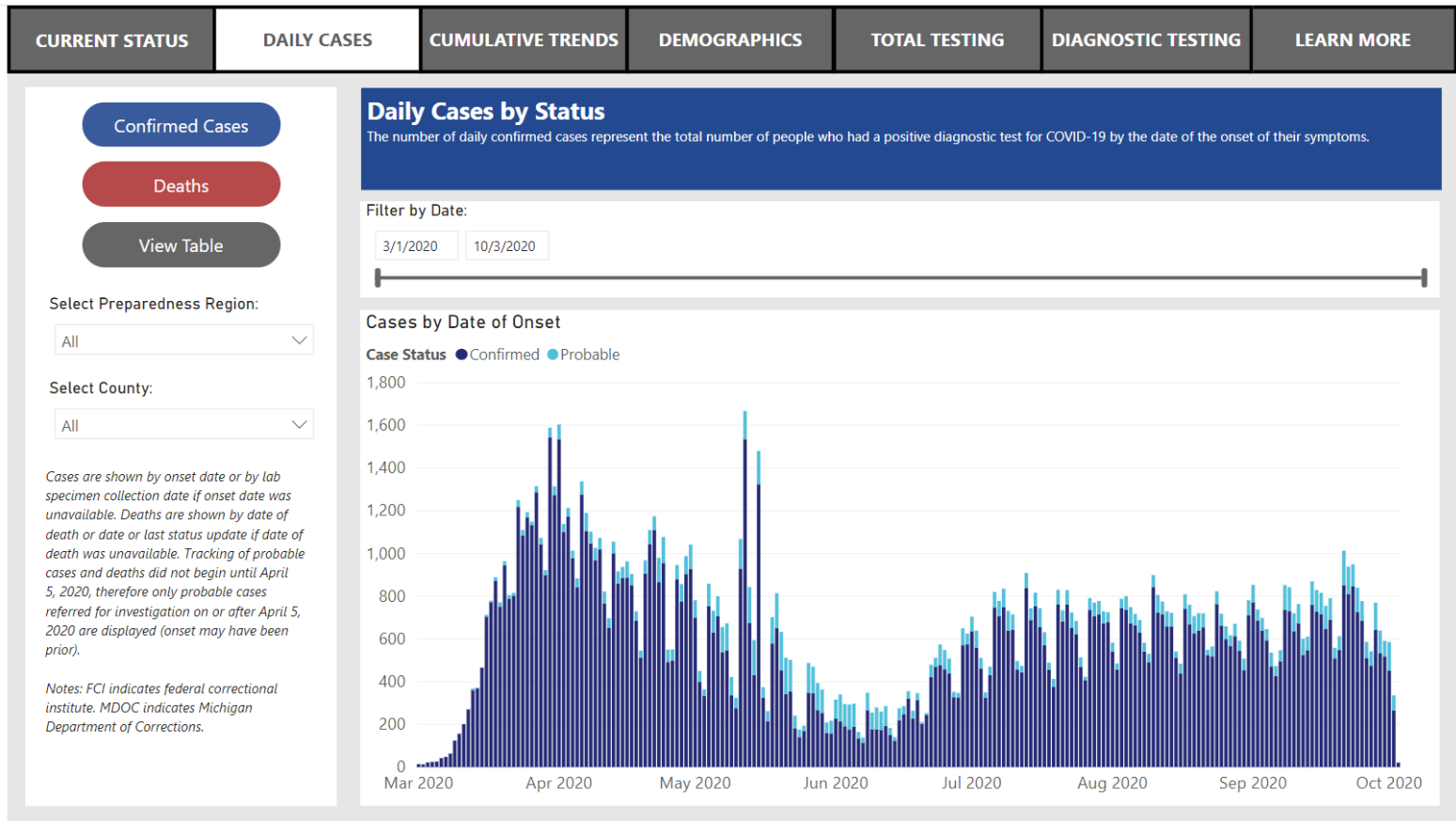
Cumulative Total of Recovered COVID-19 Cases

Cumulative Total of Recovered COVID-19 Cases (as of 10/02/2020): **99,521**

Note on recovery: During this response, MDHHS is reviewing vital records statistics to identify any laboratory confirmed COVID-19 cases who are 30 days out from their onset of illness to represent recovery status. As the pandemic continues to impact Michigan, this pool will expand to include more cases. Recovered is defined as the number of persons with a confirmed COVID-19 diagnosis who are alive 30 days post-onset (or referral date if onset is not available). The number of persons recovered on October 2, 2020 represents COVID-19 confirmed individuals with an onset date on or prior to September 2, 2020. If an individual dies from a COVID-related cause >30 days from onset/referral, they are removed from the number of persons recovered. These numbers will be updated every Saturday.

Source: Michigan Disease Surveillance System and Vital Records





View Table

View Chart

Select Preparedness Region:

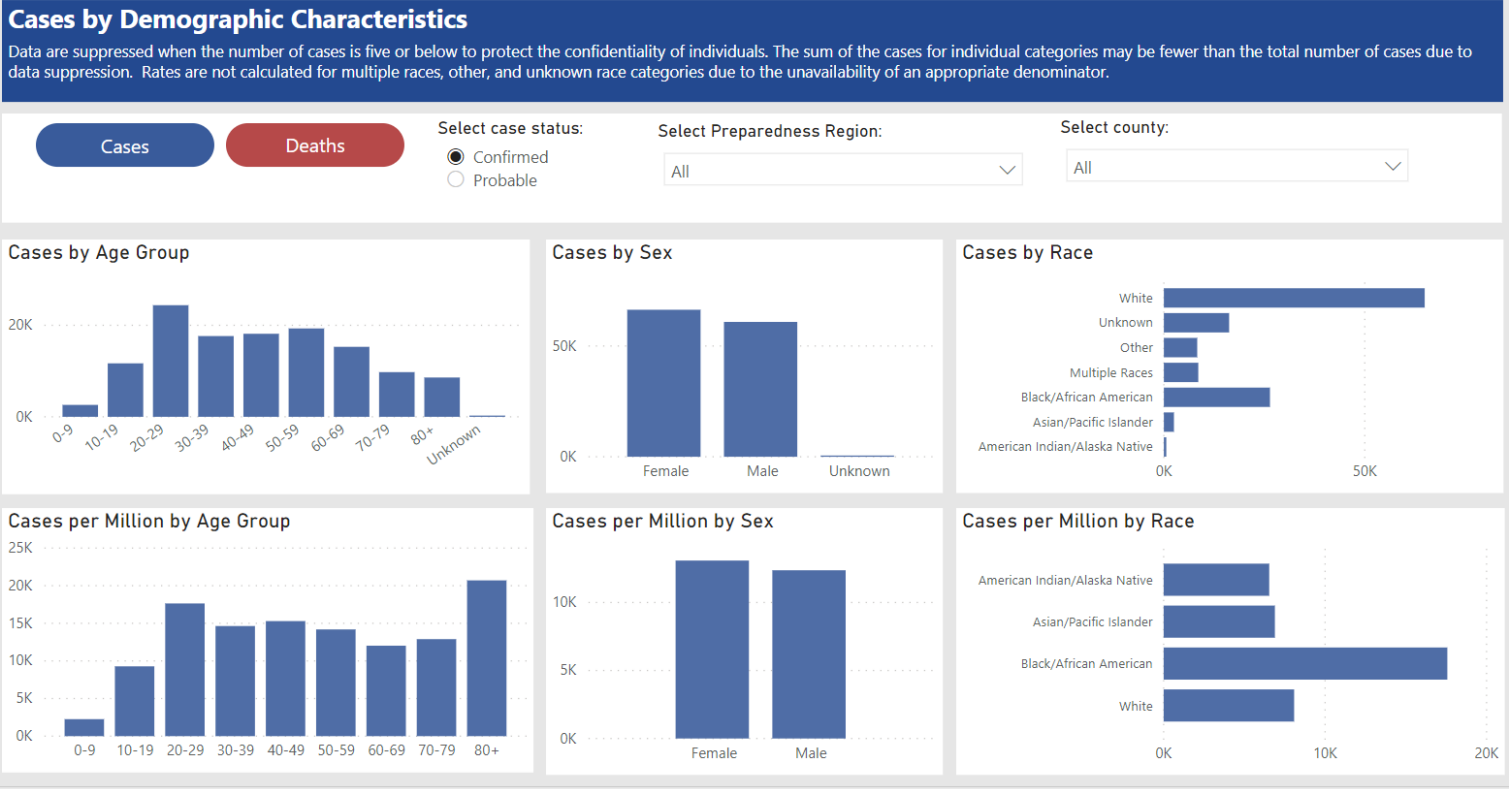
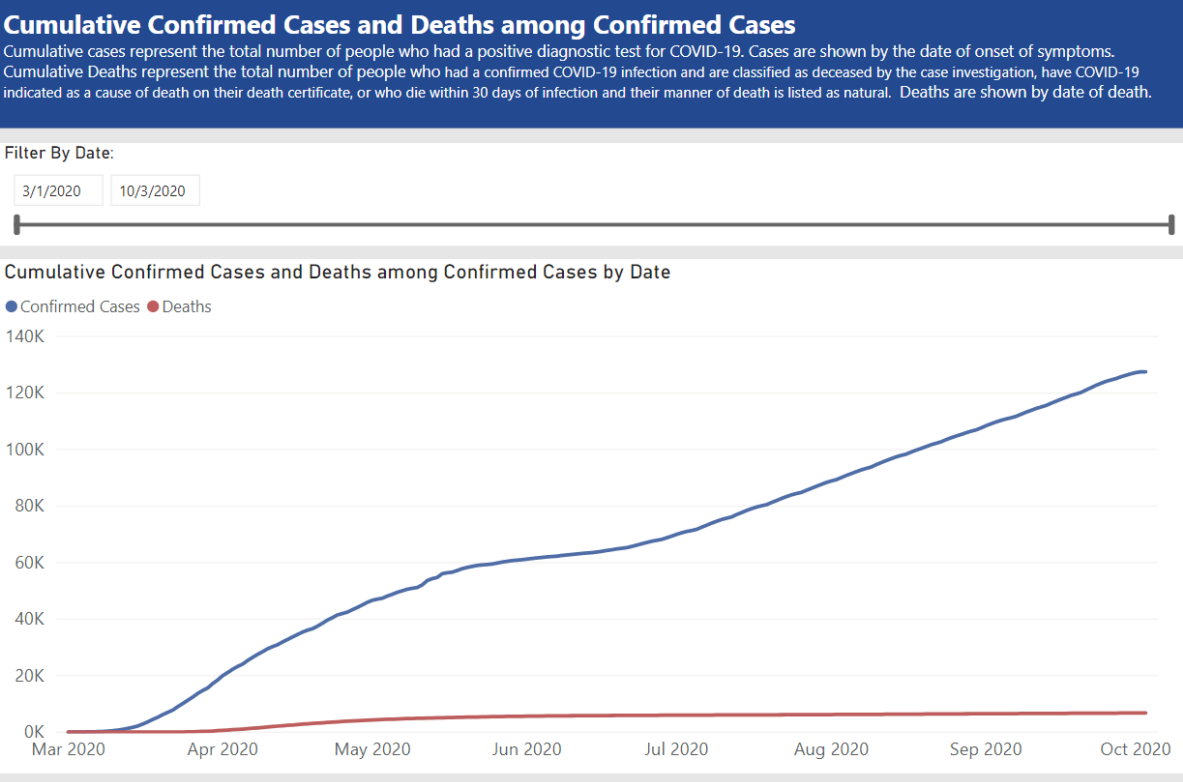
All

Select County:

All

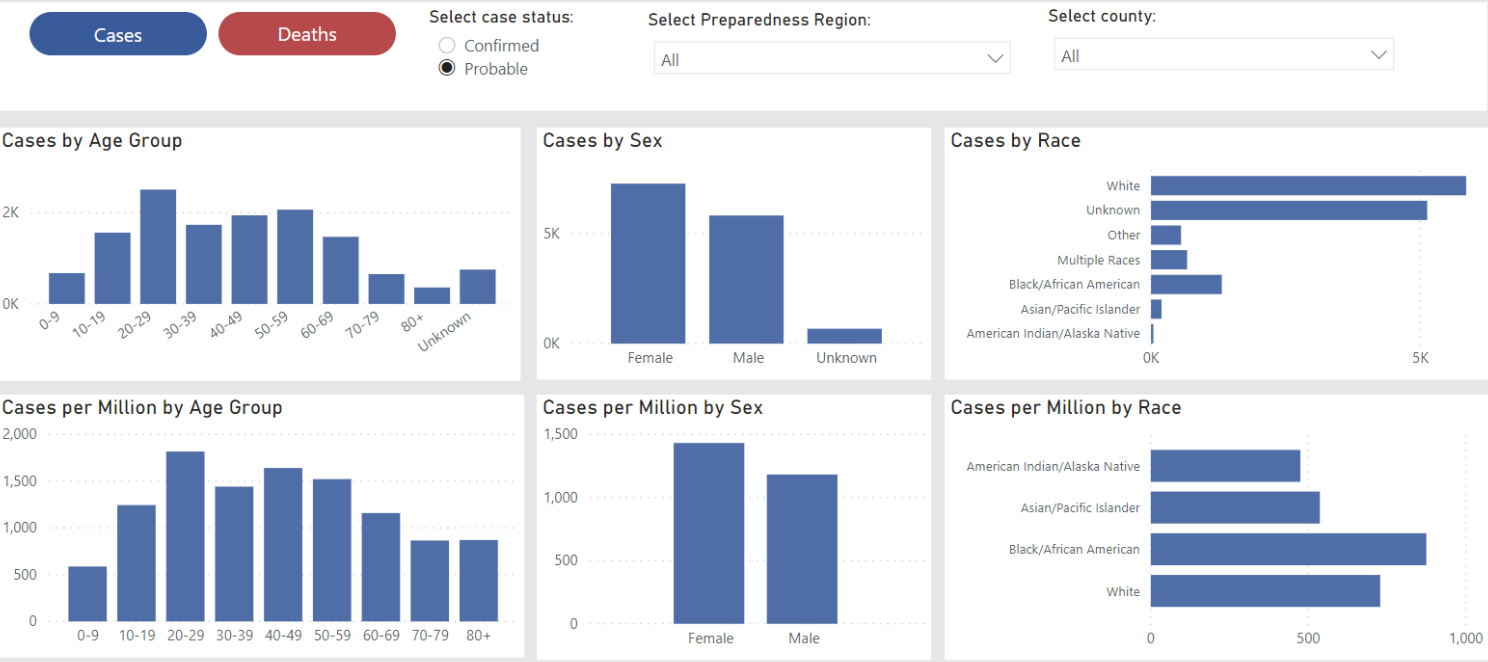
Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore these data are not displayed by date.

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.



Cases by Demographic Characteristics

Data are suppressed when the number of cases is five or below to protect the confidentiality of individuals. The sum of the cases for individual categories may be fewer than the total number of cases due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.



Deaths by Demographic Characteristics

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Deaths by Demographic Characteristics

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View Table

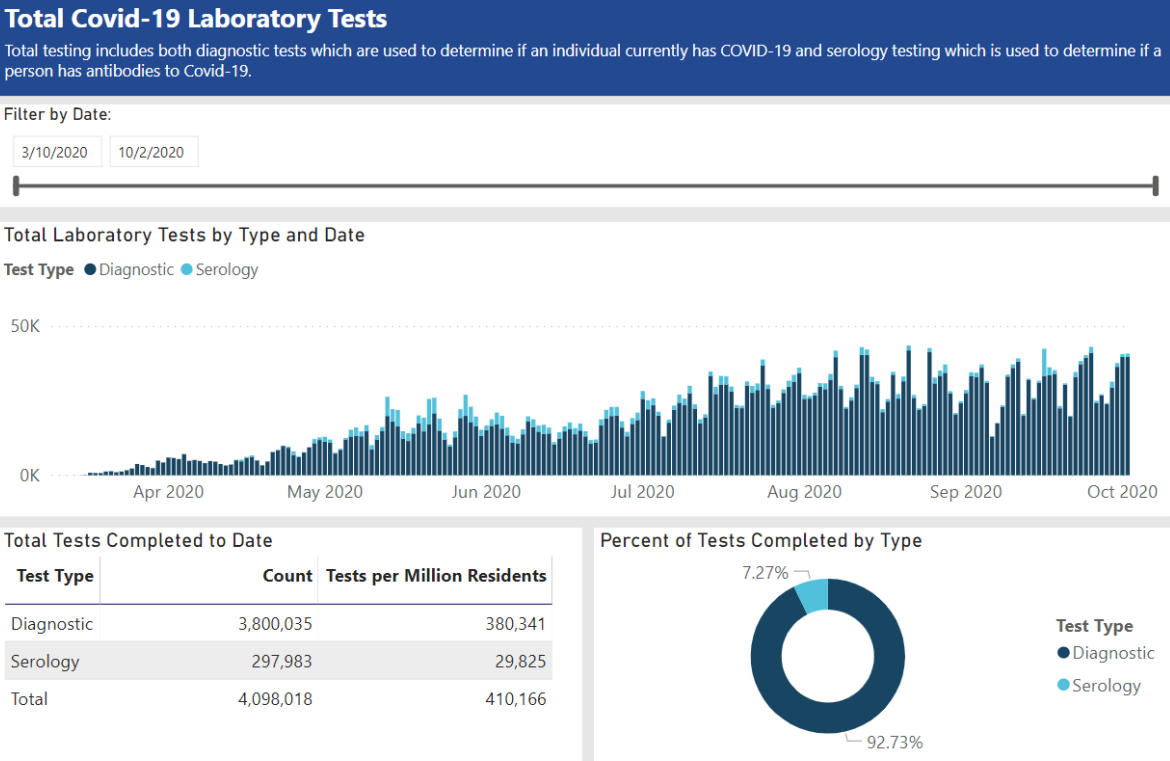
View Charts

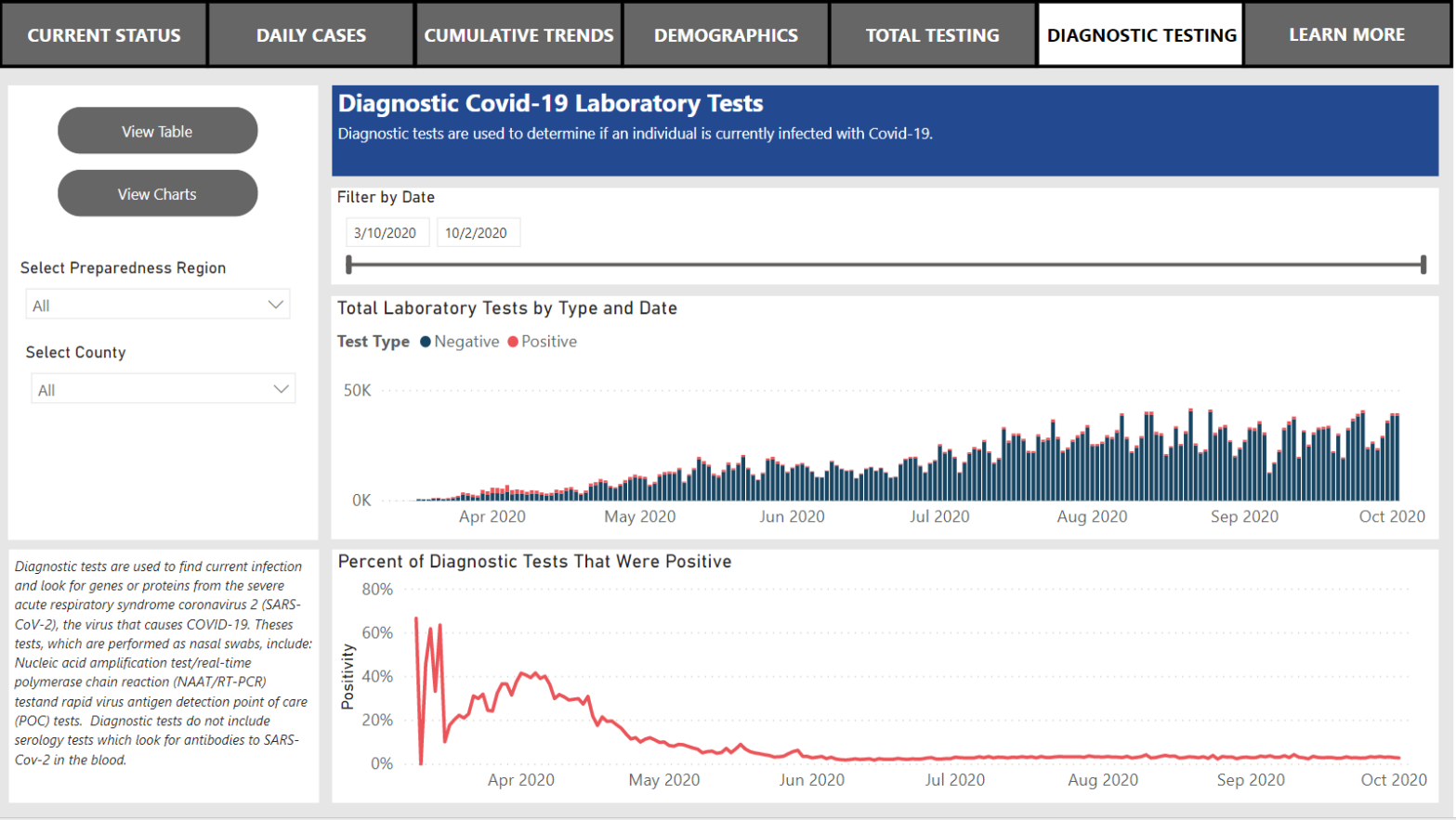
Select Preparedness Region:
All

Select County:
All

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.





PUBLIC USE DATASETS

Cases and Deaths by County

README

Includes total cases and deaths to date by case status (confirmed or probable) and county.

County is based on the county of residence.

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

CASES AND DEATHS BY COUNTY 2020-10-03

Updated	COUNTY	ConfirmedCases	ConfirmedDeaths	ProbableCases	ProbableDeaths
2020/10/03 13:41:42	Alcona	38	2	9	0
2020/10/03 13:41:42	Alger	21	0	3	0
2020/10/03 13:41:42	Allegan	730	7	85	0
2020/10/03 13:41:42	Alpena	127	14	21	0
2020/10/03 13:41:42	Antrim	63	0	8	0
2020/10/03 13:41:42	Arenac	67	3	6	0
2020/10/03 13:41:42	Baraga	35	3	10	0
2020/10/03 13:41:42	Barry	314	4	33	0
2020/10/03 13:41:42	Bay	953	51	98	0
2020/10/03 13:41:42	Benzie	79	2	5	0
2020/10/03 13:41:42	Berrien	1759	74	198	1
2020/10/03 13:41:42	Branch	586	6	71	0
2020/10/03 13:41:42	Calhoun	1410	46	174	2
2020/10/03 13:41:42	Cass	586	17	50	0
2020/10/03 13:41:42	Charlevoix	98	3	13	0
2020/10/03 13:41:42	Cheboygan	77	2	19	0
2020/10/03 13:41:42	Chippewa	54	0	31	0
2020/10/03 13:41:42	Clare	108	4	10	0
2020/10/03 13:41:42	Clinton	640	14	98	0
2020/10/03 13:41:42	Crawford	117	5	9	0
2020/10/03 13:41:42	Delta	575	8	80	0
2020/10/03 13:41:42	Dickinson	208	2	3	0
2020/10/03 13:41:42	Eaton	649	10	81	0
2020/10/03 13:41:42	Emmet	154	4	13	0
2020/10/03 13:41:42	Genesee	4069	283	814	26
2020/10/03 13:41:42	Gladwin	98	2	11	0
2020/10/03 13:41:42	Gogebic	160	1	15	1
2020/10/03 13:41:42	Grand Traverse	466	9	59	0
2020/10/03 13:41:42	Gratiot	262	15	39	0
2020/10/03 13:41:42	Hillsdale	333	26	32	1
2020/10/03 13:41:42	Houghton	535	3	106	0
2020/10/03 13:41:42	Huron	189	5	38	0
2020/10/03 13:41:42	Ingham	3633	51	73	0
2020/10/03 13:41:42	Ionia	358	7	34	0
2020/10/03 13:41:42	Iosco	196	12	40	1
2020/10/03 13:41:42	Iron	242	7	4	0
2020/10/03 13:41:42	Isabella	659	14	83	0
2020/10/03 13:41:42	Jackson	1149	44	28	2
2020/10/03 13:41:42	Kalamazoo	2596	93	627	3
2020/10/03 13:41:42	Kalkaska	75	4	16	0
2020/10/03 13:41:42	Kent	9664	172	834	3
2020/10/03 13:41:42	Keweenaw	11	0	0	0
2020/10/03 13:41:42	Lake	35	0	1	0
2020/10/03 13:41:42	Lapeer	544	35	104	1
2020/10/03 13:41:42	Leelanau	109	1	7	0
2020/10/03 13:41:42	Lenawee	822	18	48	0
2020/10/03 13:41:42	Livingston	1247	30	213	1

2020/10/03 13:41:42	Luce	12	0	1	0
2020/10/03 13:41:42	Mackinac	54	0	21	0
2020/10/03 13:41:42	Macomb	14480	983	627	49
2020/10/03 13:41:42	Manistee	82	3	6	0
2020/10/03 13:41:42	Marquette	352	12	80	0
2020/10/03 13:41:42	Mason	121	0	16	0
2020/10/03 13:41:42	Mecosta	228	3	14	0
2020/10/03 13:41:42	Menominee	394	3	62	0
2020/10/03 13:41:42	Midland	548	11	107	0
2020/10/03 13:41:42	Missaukee	52	1	16	0
2020/10/03 13:41:42	Monroe	1412	27	164	1
2020/10/03 13:41:42	Montcalm	328	7	33	0
2020/10/03 13:41:42	Montmorency	15	0	1	0
2020/10/03 13:41:42	Muskegon	1519	71	66	0
2020/10/03 13:41:42	Newaygo	390	2	17	0
2020/10/03 13:41:42	Oakland	16930	1158	4177	49
2020/10/03 13:41:42	Oceana	500	6	34	0
2020/10/03 13:41:42	Ogemaw	53	5	16	0
2020/10/03 13:41:42	Ontonagon	44	0	1	0
2020/10/03 13:41:42	Osceola	91	0	11	0
2020/10/03 13:41:42	Oscoda	25	1	7	0
2020/10/03 13:41:42	Otsego	163	12	24	0
2020/10/03 13:41:42	Ottawa	3472	62	163	5
2020/10/03 13:41:42	Presque Isle	25	1	2	0
2020/10/03 13:41:42	Roscommon	85	4	19	0
2020/10/03 13:41:42	Saginaw	2869	137	201	4
2020/10/03 13:41:42	Sanilac	147	6	7	1
2020/10/03 13:41:42	Schoolcraft	33	0	2	0
2020/10/03 13:41:42	Shiawassee	511	31	35	1
2020/10/03 13:41:42	St Clair	918	56	148	1
2020/10/03 13:41:42	St Joseph	725	11	112	0
2020/10/03 13:41:42	Tuscola	459	31	68	0
2020/10/03 13:41:42	Van Buren	713	16	87	2
2020/10/03 13:41:42	Washtenaw	3485	116	405	0
2020/10/03 13:41:42	Wayne	18741	1294	1458	50
2020/10/03 13:41:42	Wexford	117	4	17	0
2020/10/03 13:41:42	MDOC	5620	74	3	0
2020/10/03 13:41:42	FCI	190	5	5	0
2020/10/03 13:41:42	Out-of-State	190	1	7	1
2020/10/03 13:41:42	Unknown	3	0	17	0
2020/10/03 13:41:42	Detroit City	14520	1534	1144	117

PUBLIC USE DATASETS

Cases by Demographics Statewide

README

Includes the total number of confirmed and probable cases and confirmed and probable deaths to date by demographic characteristics

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

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Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

Data is suppressed when the number of cases or deaths in a single category is between one and five to protect the confidentiality of individuals.

CASES BY DEMOGRAPHICS STATEWIDE 2020-10-03

CASE_STATUS	AgeCat	RaceCat	SEX	Cases	Deaths
Confirmed	0-9	American Indian/Alaska Native	Female	9	0
Confirmed	10-19	American Indian/Alaska Native	Female	32	0
Confirmed	20-29	American Indian/Alaska Native	Female	62	0
Confirmed	30-39	American Indian/Alaska Native	Female	53	0
Confirmed	40-49	American Indian/Alaska Native	Female	50	0
Confirmed	50-59	American Indian/Alaska Native	Female	55	0
Confirmed	60-69	American Indian/Alaska Native	Female	26	Suppressed
Confirmed	70-79	American Indian/Alaska Native	Female	19	Suppressed
Confirmed	80+	American Indian/Alaska Native	Female	9	Suppressed
Confirmed	Unknown	American Indian/Alaska Native	Female	0	0
Confirmed	0-9	Asian/Pacific Islander	Female	22	0
Confirmed	10-19	Asian/Pacific Islander	Female	88	0
Confirmed	20-29	Asian/Pacific Islander	Female	243	0
Confirmed	30-39	Asian/Pacific Islander	Female	251	0
Confirmed	40-49	Asian/Pacific Islander	Female	240	0
Confirmed	50-59	Asian/Pacific Islander	Female	210	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Female	120	Suppressed
Confirmed	70-79	Asian/Pacific Islander	Female	55	11
Confirmed	80+	Asian/Pacific Islander	Female	59	23
Confirmed	Unknown	Asian/Pacific Islander	Female	0	0
Confirmed	0-9	Black/African American	Female	193	Suppressed
Confirmed	10-19	Black/African American	Female	525	Suppressed
Confirmed	20-29	Black/African American	Female	2169	Suppressed
Confirmed	30-39	Black/African American	Female	2130	8
Confirmed	40-49	Black/African American	Female	2248	54
Confirmed	50-59	Black/African American	Female	2169	109
Confirmed	60-69	Black/African American	Female	1968	233
Confirmed	70-79	Black/African American	Female	1357	324
Confirmed	80+	Black/African American	Female	1052	436
Confirmed	Unknown	Black/African American	Female	Suppressed	0
Confirmed	0-9	Multiple Races	Female	87	0
Confirmed	10-19	Multiple Races	Female	443	0
Confirmed	20-29	Multiple Races	Female	982	0
Confirmed	30-39	Multiple Races	Female	691	0
Confirmed	40-49	Multiple Races	Female	785	Suppressed
Confirmed	50-59	Multiple Races	Female	833	Suppressed
Confirmed	60-69	Multiple Races	Female	493	Suppressed
Confirmed	70-79	Multiple Races	Female	236	11
Confirmed	80+	Multiple Races	Female	221	24
Confirmed	Unknown	Multiple Races	Female	Suppressed	0
Confirmed	0-9	Other	Female	159	0
Confirmed	10-19	Other	Female	508	0
Confirmed	20-29	Other	Female	936	0
Confirmed	30-39	Other	Female	665	Suppressed
Confirmed	40-49	Other	Female	646	Suppressed
Confirmed	50-59	Other	Female	448	Suppressed
Confirmed	60-69	Other	Female	297	15

Confirmed	70-79	Other	Female	147	16
Confirmed	80+	Other	Female	119	24
Confirmed	Unknown	Other	Female	0	0
Confirmed	0-9	Unknown	Female	128	0
Confirmed	10-19	Unknown	Female	730	0
Confirmed	20-29	Unknown	Female	1415	0
Confirmed	30-39	Unknown	Female	1138	0
Confirmed	40-49	Unknown	Female	1264	Suppressed
Confirmed	50-59	Unknown	Female	1262	7
Confirmed	60-69	Unknown	Female	944	14
Confirmed	70-79	Unknown	Female	503	20
Confirmed	80+	Unknown	Female	578	32
Confirmed	Unknown	Unknown	Female	26	0
Confirmed	0-9	White	Female	603	0
Confirmed	10-19	White	Female	3735	0
Confirmed	20-29	White	Female	7186	Suppressed
Confirmed	30-39	White	Female	4108	10
Confirmed	40-49	White	Female	4219	26
Confirmed	50-59	White	Female	4678	70
Confirmed	60-69	White	Female	3610	188
Confirmed	70-79	White	Female	2614	409
Confirmed	80+	White	Female	3470	1143
Confirmed	Unknown	White	Female	24	0
Confirmed	0-9	American Indian/Alaska Native	Male	11	0
Confirmed	10-19	American Indian/Alaska Native	Male	19	0
Confirmed	20-29	American Indian/Alaska Native	Male	47	0
Confirmed	30-39	American Indian/Alaska Native	Male	47	0
Confirmed	40-49	American Indian/Alaska Native	Male	56	0
Confirmed	50-59	American Indian/Alaska Native	Male	47	Suppressed
Confirmed	60-69	American Indian/Alaska Native	Male	38	8
Confirmed	70-79	American Indian/Alaska Native	Male	19	6
Confirmed	80+	American Indian/Alaska Native	Male	7	Suppressed
Confirmed	Unknown	American Indian/Alaska Native	Male	0	0
Confirmed	0-9	Asian/Pacific Islander	Male	45	0
Confirmed	10-19	Asian/Pacific Islander	Male	93	0
Confirmed	20-29	Asian/Pacific Islander	Male	261	0
Confirmed	30-39	Asian/Pacific Islander	Male	228	0
Confirmed	40-49	Asian/Pacific Islander	Male	192	Suppressed
Confirmed	50-59	Asian/Pacific Islander	Male	174	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Male	125	14
Confirmed	70-79	Asian/Pacific Islander	Male	58	15
Confirmed	80+	Asian/Pacific Islander	Male	38	17
Confirmed	Unknown	Asian/Pacific Islander	Male	0	0
Confirmed	0-9	Black/African American	Male	188	0
Confirmed	10-19	Black/African American	Male	549	0
Confirmed	20-29	Black/African American	Male	1707	10
Confirmed	30-39	Black/African American	Male	1790	29
Confirmed	40-49	Black/African American	Male	1979	74
Confirmed	50-59	Black/African American	Male	2288	198
Confirmed	60-69	Black/African American	Male	2122	345

Confirmed	70-79	Black/African American	Male	1321	421
Confirmed	80+	Black/African American	Male	619	309
Confirmed	Unknown	Black/African American	Male	Suppressed	0
Confirmed	0-9	Multiple Races	Male	108	Suppressed
Confirmed	10-19	Multiple Races	Male	421	0
Confirmed	20-29	Multiple Races	Male	733	0
Confirmed	30-39	Multiple Races	Male	544	Suppressed
Confirmed	40-49	Multiple Races	Male	597	Suppressed
Confirmed	50-59	Multiple Races	Male	615	Suppressed
Confirmed	60-69	Multiple Races	Male	433	21
Confirmed	70-79	Multiple Races	Male	218	14
Confirmed	80+	Multiple Races	Male	92	16
Confirmed	Unknown	Multiple Races	Male	Suppressed	0
Confirmed	0-9	Other	Male	187	0
Confirmed	10-19	Other	Male	555	0
Confirmed	20-29	Other	Male	1057	Suppressed
Confirmed	30-39	Other	Male	807	Suppressed
Confirmed	40-49	Other	Male	694	7
Confirmed	50-59	Other	Male	517	9
Confirmed	60-69	Other	Male	312	25
Confirmed	70-79	Other	Male	156	21
Confirmed	80+	Other	Male	70	16
Confirmed	Unknown	Other	Male	Suppressed	0
Confirmed	0-9	Unknown	Male	162	0
Confirmed	10-19	Unknown	Male	808	0
Confirmed	20-29	Unknown	Male	1507	0
Confirmed	30-39	Unknown	Male	1256	Suppressed
Confirmed	40-49	Unknown	Male	1288	10
Confirmed	50-59	Unknown	Male	1339	8
Confirmed	60-69	Unknown	Male	960	15
Confirmed	70-79	Unknown	Male	464	23
Confirmed	80+	Unknown	Male	277	29
Confirmed	Unknown	Unknown	Male	22	0
Confirmed	0-9	White	Male	688	0
Confirmed	10-19	White	Male	3135	0
Confirmed	20-29	White	Male	6016	Suppressed
Confirmed	30-39	White	Male	3898	15
Confirmed	40-49	White	Male	3833	40
Confirmed	50-59	White	Male	4634	131
Confirmed	60-69	White	Male	3821	314
Confirmed	70-79	White	Male	2586	530
Confirmed	80+	White	Male	1968	838
Confirmed	Unknown	White	Male	16	0
Confirmed	0-9	American Indian/Alaska Native	Unknown	0	0
Confirmed	10-19	American Indian/Alaska Native	Unknown	0	0
Confirmed	20-29	American Indian/Alaska Native	Unknown	0	0
Confirmed	30-39	American Indian/Alaska Native	Unknown	0	0
Confirmed	40-49	American Indian/Alaska Native	Unknown	0	0
Confirmed	50-59	American Indian/Alaska Native	Unknown	0	0
Confirmed	60-69	American Indian/Alaska Native	Unknown	0	0

Confirmed	70-79	American Indian/Alaska Native	Unknown	0	0
Confirmed	80+	American Indian/Alaska Native	Unknown	0	0
Confirmed	Unknown	American Indian/Alaska Native	Unknown	0	0
Confirmed	0-9	Asian/Pacific Islander	Unknown	0	0
Confirmed	10-19	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	20-29	Asian/Pacific Islander	Unknown	0	0
Confirmed	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	40-49	Asian/Pacific Islander	Unknown	0	0
Confirmed	50-59	Asian/Pacific Islander	Unknown	0	0
Confirmed	60-69	Asian/Pacific Islander	Unknown	0	0
Confirmed	70-79	Asian/Pacific Islander	Unknown	0	0
Confirmed	80+	Asian/Pacific Islander	Unknown	0	0
Confirmed	Unknown	Asian/Pacific Islander	Unknown	0	0
Confirmed	0-9	Black/African American	Unknown	Suppressed	0
Confirmed	10-19	Black/African American	Unknown	6	0
Confirmed	20-29	Black/African American	Unknown	Suppressed	0
Confirmed	30-39	Black/African American	Unknown	Suppressed	0
Confirmed	40-49	Black/African American	Unknown	Suppressed	0
Confirmed	50-59	Black/African American	Unknown	Suppressed	0
Confirmed	60-69	Black/African American	Unknown	Suppressed	0
Confirmed	70-79	Black/African American	Unknown	Suppressed	0
Confirmed	80+	Black/African American	Unknown	Suppressed	0
Confirmed	Unknown	Black/African American	Unknown	0	0
Confirmed	0-9	Multiple Races	Unknown	0	0
Confirmed	10-19	Multiple Races	Unknown	6	0
Confirmed	20-29	Multiple Races	Unknown	8	0
Confirmed	30-39	Multiple Races	Unknown	Suppressed	0
Confirmed	40-49	Multiple Races	Unknown	Suppressed	0
Confirmed	50-59	Multiple Races	Unknown	Suppressed	0
Confirmed	60-69	Multiple Races	Unknown	Suppressed	0
Confirmed	70-79	Multiple Races	Unknown	Suppressed	0
Confirmed	80+	Multiple Races	Unknown	0	0
Confirmed	Unknown	Multiple Races	Unknown	Suppressed	0
Confirmed	0-9	Other	Unknown	Suppressed	0
Confirmed	10-19	Other	Unknown	Suppressed	0
Confirmed	20-29	Other	Unknown	Suppressed	0
Confirmed	30-39	Other	Unknown	Suppressed	0
Confirmed	40-49	Other	Unknown	Suppressed	0
Confirmed	50-59	Other	Unknown	Suppressed	0
Confirmed	60-69	Other	Unknown	Suppressed	0
Confirmed	70-79	Other	Unknown	0	0
Confirmed	80+	Other	Unknown	0	0
Confirmed	Unknown	Other	Unknown	Suppressed	0
Confirmed	0-9	Unknown	Unknown	8	0
Confirmed	10-19	Unknown	Unknown	8	0
Confirmed	20-29	Unknown	Unknown	37	0
Confirmed	30-39	Unknown	Unknown	24	0
Confirmed	40-49	Unknown	Unknown	38	0
Confirmed	50-59	Unknown	Unknown	27	0
Confirmed	60-69	Unknown	Unknown	12	0

Confirmed	70-79	Unknown	Unknown	Suppressed	0
Confirmed	80+	Unknown	Unknown	6	0
Confirmed	Unknown	Unknown	Unknown	Suppressed	0
Confirmed	0-9	White	Unknown	0	0
Confirmed	10-19	White	Unknown	18	0
Confirmed	20-29	White	Unknown	15	0
Confirmed	30-39	White	Unknown	7	0
Confirmed	40-49	White	Unknown	6	0
Confirmed	50-59	White	Unknown	Suppressed	0
Confirmed	60-69	White	Unknown	7	0
Confirmed	70-79	White	Unknown	Suppressed	0
Confirmed	80+	White	Unknown	Suppressed	0
Confirmed	Unknown	White	Unknown	0	0
Probable	0-9	American Indian/Alaska Native	Female	Suppressed	0
Probable	10-19	American Indian/Alaska Native	Female	Suppressed	0
Probable	20-29	American Indian/Alaska Native	Female	8	0
Probable	30-39	American Indian/Alaska Native	Female	Suppressed	0
Probable	40-49	American Indian/Alaska Native	Female	Suppressed	0
Probable	50-59	American Indian/Alaska Native	Female	Suppressed	0
Probable	60-69	American Indian/Alaska Native	Female	Suppressed	0
Probable	70-79	American Indian/Alaska Native	Female	Suppressed	0
Probable	80+	American Indian/Alaska Native	Female	0	0
Probable	Unknown	American Indian/Alaska Native	Female	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Female	9	0
Probable	10-19	Asian/Pacific Islander	Female	13	0
Probable	20-29	Asian/Pacific Islander	Female	30	0
Probable	30-39	Asian/Pacific Islander	Female	19	0
Probable	40-49	Asian/Pacific Islander	Female	13	0
Probable	50-59	Asian/Pacific Islander	Female	16	0
Probable	60-69	Asian/Pacific Islander	Female	Suppressed	0
Probable	70-79	Asian/Pacific Islander	Female	Suppressed	0
Probable	80+	Asian/Pacific Islander	Female	0	0
Probable	Unknown	Asian/Pacific Islander	Female	Suppressed	0
Probable	0-9	Black/African American	Female	30	0
Probable	10-19	Black/African American	Female	49	0
Probable	20-29	Black/African American	Female	125	0
Probable	30-39	Black/African American	Female	102	0
Probable	40-49	Black/African American	Female	130	Suppressed
Probable	50-59	Black/African American	Female	141	8
Probable	60-69	Black/African American	Female	114	12
Probable	70-79	Black/African American	Female	51	12
Probable	80+	Black/African American	Female	35	24
Probable	Unknown	Black/African American	Female	6	0
Probable	0-9	Multiple Races	Female	20	0
Probable	10-19	Multiple Races	Female	46	0
Probable	20-29	Multiple Races	Female	61	0
Probable	30-39	Multiple Races	Female	25	0
Probable	40-49	Multiple Races	Female	58	0
Probable	50-59	Multiple Races	Female	63	0
Probable	60-69	Multiple Races	Female	43	0

Probable	70-79	Multiple Races	Female	12	0
Probable	80+	Multiple Races	Female	6	Suppressed
Probable	Unknown	Multiple Races	Female	14	0
Probable	0-9	Other	Female	22	0
Probable	10-19	Other	Female	48	0
Probable	20-29	Other	Female	56	0
Probable	30-39	Other	Female	46	0
Probable	40-49	Other	Female	44	0
Probable	50-59	Other	Female	28	Suppressed
Probable	60-69	Other	Female	16	Suppressed
Probable	70-79	Other	Female	10	0
Probable	80+	Other	Female	Suppressed	0
Probable	Unknown	Other	Female	Suppressed	0
Probable	0-9	Unknown	Female	48	0
Probable	10-19	Unknown	Female	207	0
Probable	20-29	Unknown	Female	442	0
Probable	30-39	Unknown	Female	331	0
Probable	40-49	Unknown	Female	424	0
Probable	50-59	Unknown	Female	424	0
Probable	60-69	Unknown	Female	345	Suppressed
Probable	70-79	Unknown	Female	139	0
Probable	80+	Unknown	Female	73	Suppressed
Probable	Unknown	Unknown	Female	98	0
Probable	0-9	White	Female	174	0
Probable	10-19	White	Female	420	0
Probable	20-29	White	Female	616	0
Probable	30-39	White	Female	385	0
Probable	40-49	White	Female	460	Suppressed
Probable	50-59	White	Female	502	Suppressed
Probable	60-69	White	Female	304	16
Probable	70-79	White	Female	163	20
Probable	80+	White	Female	106	52
Probable	Unknown	White	Female	62	0
Probable	0-9	American Indian/Alaska Native	Male	Suppressed	0
Probable	10-19	American Indian/Alaska Native	Male	Suppressed	0
Probable	20-29	American Indian/Alaska Native	Male	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Male	Suppressed	0
Probable	40-49	American Indian/Alaska Native	Male	Suppressed	0
Probable	50-59	American Indian/Alaska Native	Male	Suppressed	0
Probable	60-69	American Indian/Alaska Native	Male	Suppressed	0
Probable	70-79	American Indian/Alaska Native	Male	0	0
Probable	80+	American Indian/Alaska Native	Male	Suppressed	Suppressed
Probable	Unknown	American Indian/Alaska Native	Male	0	0
Probable	0-9	Asian/Pacific Islander	Male	15	0
Probable	10-19	Asian/Pacific Islander	Male	7	0
Probable	20-29	Asian/Pacific Islander	Male	24	0
Probable	30-39	Asian/Pacific Islander	Male	21	0
Probable	40-49	Asian/Pacific Islander	Male	Suppressed	0
Probable	50-59	Asian/Pacific Islander	Male	9	0
Probable	60-69	Asian/Pacific Islander	Male	Suppressed	0

Probable	70-79	Asian/Pacific Islander	Male	Suppressed	Suppressed
Probable	80+	Asian/Pacific Islander	Male	0	0
Probable	Unknown	Asian/Pacific Islander	Male	0	0
Probable	0-9	Black/African American	Male	36	0
Probable	10-19	Black/African American	Male	47	0
Probable	20-29	Black/African American	Male	72	0
Probable	30-39	Black/African American	Male	61	0
Probable	40-49	Black/African American	Male	60	8
Probable	50-59	Black/African American	Male	91	8
Probable	60-69	Black/African American	Male	88	21
Probable	70-79	Black/African American	Male	46	25
Probable	80+	Black/African American	Male	20	15
Probable	Unknown	Black/African American	Male	Suppressed	0
Probable	0-9	Multiple Races	Male	28	0
Probable	10-19	Multiple Races	Male	46	0
Probable	20-29	Multiple Races	Male	54	0
Probable	30-39	Multiple Races	Male	38	0
Probable	40-49	Multiple Races	Male	47	Suppressed
Probable	50-59	Multiple Races	Male	38	0
Probable	60-69	Multiple Races	Male	26	0
Probable	70-79	Multiple Races	Male	13	0
Probable	80+	Multiple Races	Male	Suppressed	Suppressed
Probable	Unknown	Multiple Races	Male	12	0
Probable	0-9	Other	Male	22	0
Probable	10-19	Other	Male	48	0
Probable	20-29	Other	Male	60	0
Probable	30-39	Other	Male	46	0
Probable	40-49	Other	Male	40	0
Probable	50-59	Other	Male	25	0
Probable	60-69	Other	Male	17	Suppressed
Probable	70-79	Other	Male	8	Suppressed
Probable	80+	Other	Male	Suppressed	0
Probable	Unknown	Other	Male	6	0
Probable	0-9	Unknown	Male	48	0
Probable	10-19	Unknown	Male	208	0
Probable	20-29	Unknown	Male	359	0
Probable	30-39	Unknown	Male	315	Suppressed
Probable	40-49	Unknown	Male	302	Suppressed
Probable	50-59	Unknown	Male	333	0
Probable	60-69	Unknown	Male	233	Suppressed
Probable	70-79	Unknown	Male	95	Suppressed
Probable	80+	Unknown	Male	39	Suppressed
Probable	Unknown	Unknown	Male	73	0
Probable	0-9	White	Male	203	0
Probable	10-19	White	Male	396	0
Probable	20-29	White	Male	550	Suppressed
Probable	30-39	White	Male	311	Suppressed
Probable	40-49	White	Male	311	Suppressed
Probable	50-59	White	Male	366	6
Probable	60-69	White	Male	255	15

Probable	70-79	White	Male	104	13
Probable	80+	White	Male	73	26
Probable	Unknown	White	Male	35	0
Probable	0-9	American Indian/Alaska Native	Unknown	0	0
Probable	10-19	American Indian/Alaska Native	Unknown	0	0
Probable	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Unknown	0	0
Probable	40-49	American Indian/Alaska Native	Unknown	0	0
Probable	50-59	American Indian/Alaska Native	Unknown	0	0
Probable	60-69	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	70-79	American Indian/Alaska Native	Unknown	0	0
Probable	80+	American Indian/Alaska Native	Unknown	0	0
Probable	Unknown	American Indian/Alaska Native	Unknown	0	0
Probable	0-9	Asian/Pacific Islander	Unknown	0	0
Probable	10-19	Asian/Pacific Islander	Unknown	0	0
Probable	20-29	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	40-49	Asian/Pacific Islander	Unknown	0	0
Probable	50-59	Asian/Pacific Islander	Unknown	0	0
Probable	60-69	Asian/Pacific Islander	Unknown	0	0
Probable	70-79	Asian/Pacific Islander	Unknown	0	0
Probable	80+	Asian/Pacific Islander	Unknown	0	0
Probable	Unknown	Asian/Pacific Islander	Unknown	0	0
Probable	0-9	Black/African American	Unknown	0	0
Probable	10-19	Black/African American	Unknown	0	0
Probable	20-29	Black/African American	Unknown	Suppressed	0
Probable	30-39	Black/African American	Unknown	0	0
Probable	40-49	Black/African American	Unknown	0	0
Probable	50-59	Black/African American	Unknown	0	0
Probable	60-69	Black/African American	Unknown	Suppressed	0
Probable	70-79	Black/African American	Unknown	0	0
Probable	80+	Black/African American	Unknown	0	0
Probable	Unknown	Black/African American	Unknown	Suppressed	0
Probable	0-9	Multiple Races	Unknown	Suppressed	0
Probable	10-19	Multiple Races	Unknown	Suppressed	0
Probable	20-29	Multiple Races	Unknown	Suppressed	0
Probable	30-39	Multiple Races	Unknown	Suppressed	0
Probable	40-49	Multiple Races	Unknown	Suppressed	0
Probable	50-59	Multiple Races	Unknown	Suppressed	0
Probable	60-69	Multiple Races	Unknown	Suppressed	0
Probable	70-79	Multiple Races	Unknown	0	0
Probable	80+	Multiple Races	Unknown	0	0
Probable	Unknown	Multiple Races	Unknown	Suppressed	0
Probable	0-9	Other	Unknown	Suppressed	0
Probable	10-19	Other	Unknown	Suppressed	0
Probable	20-29	Other	Unknown	0	0
Probable	30-39	Other	Unknown	0	0
Probable	40-49	Other	Unknown	Suppressed	0
Probable	50-59	Other	Unknown	Suppressed	0
Probable	60-69	Other	Unknown	Suppressed	0

Probable	70-79	Other	Unknown	0	0
Probable	80+	Other	Unknown	0	0
Probable	Unknown	Other	Unknown	Suppressed	0
Probable	0-9	Unknown	Unknown	12	0
Probable	10-19	Unknown	Unknown	18	0
Probable	20-29	Unknown	Unknown	32	0
Probable	30-39	Unknown	Unknown	27	0
Probable	40-49	Unknown	Unknown	37	0
Probable	50-59	Unknown	Unknown	17	0
Probable	60-69	Unknown	Unknown	16	0
Probable	70-79	Unknown	Unknown	8	0
Probable	80+	Unknown	Unknown	Suppressed	0
Probable	Unknown	Unknown	Unknown	422	0
Probable	0-9	White	Unknown	Suppressed	0
Probable	10-19	White	Unknown	7	0
Probable	20-29	White	Unknown	11	0
Probable	30-39	White	Unknown	Suppressed	0
Probable	40-49	White	Unknown	6	0
Probable	50-59	White	Unknown	9	0
Probable	60-69	White	Unknown	Suppressed	0
Probable	70-79	White	Unknown	0	0
Probable	80+	White	Unknown	Suppressed	0
Probable	Unknown	White	Unknown	9	0

PUBLIC USE DATASETS

COVID-19 Tests by County

README

Data includes tests by type (diagnostic, serology or total combined) by county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Correctional includes state and federal prisons and county and city detection facilities. Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

COVID-19 TESTS BY COUNTY 2020-10-03

Updated	COUNTY	TestType	Count	RatePerMillion
2020/10/03 13:41:46	Alcona	Diagnostic	2211	212494
2020/10/03 13:41:46	Alcona	Serology	62	5959
2020/10/03 13:41:46	Alcona	Total	2273	218453
2020/10/03 13:41:46	Alger	Diagnostic	1322	145147
2020/10/03 13:41:46	Alger	Serology	70	7686
2020/10/03 13:41:46	Alger	Total	1392	152833
2020/10/03 13:41:46	Allegan	Diagnostic	34625	293231
2020/10/03 13:41:46	Allegan	Serology	1024	8672
2020/10/03 13:41:46	Allegan	Total	35649	301903
2020/10/03 13:41:46	Alpena	Serology	219	7710
2020/10/03 13:41:46	Alpena	Diagnostic	3295	116001
2020/10/03 13:41:46	Alpena	Total	3514	123711
2020/10/03 13:41:46	Antrim	Diagnostic	5962	255617
2020/10/03 13:41:46	Antrim	Serology	159	6817
2020/10/03 13:41:46	Antrim	Total	6121	262434
2020/10/03 13:41:46	Arenac	Diagnostic	4156	279245
2020/10/03 13:41:46	Arenac	Serology	162	10885
2020/10/03 13:41:46	Arenac	Total	4318	290130
2020/10/03 13:41:46	Baraga	Diagnostic	3980	484834
2020/10/03 13:41:46	Baraga	Serology	44	5360
2020/10/03 13:41:46	Baraga	Total	4024	490194
2020/10/03 13:41:46	Barry	Diagnostic	18344	298034
2020/10/03 13:41:46	Barry	Serology	755	12266
2020/10/03 13:41:46	Barry	Total	19099	310301
2020/10/03 13:41:46	Bay	Diagnostic	37543	364050
2020/10/03 13:41:46	Bay	Serology	2033	19714
2020/10/03 13:41:46	Bay	Total	39576	383764
2020/10/03 13:41:46	Benzie	Diagnostic	4542	255657
2020/10/03 13:41:46	Benzie	Serology	149	8387
2020/10/03 13:41:46	Benzie	Total	4691	264044
2020/10/03 13:41:46	Berrien	Diagnostic	72110	470075
2020/10/03 13:41:46	Berrien	Serology	2208	14394
2020/10/03 13:41:46	Berrien	Total	74318	484469
2020/10/03 13:41:46	Branch	Diagnostic	10784	247811
2020/10/03 13:41:46	Branch	Serology	170	3907
2020/10/03 13:41:46	Branch	Total	10954	251718
2020/10/03 13:41:46	Calhoun	Diagnostic	58322	434723
2020/10/03 13:41:46	Calhoun	Serology	814	6067
2020/10/03 13:41:46	Calhoun	Total	59136	440790
2020/10/03 13:41:46	Cass	Diagnostic	12217	235909
2020/10/03 13:41:46	Cass	Serology	279	5387
2020/10/03 13:41:46	Cass	Total	12496	241296
2020/10/03 13:41:46	Charlevoix	Diagnostic	7213	275906
2020/10/03 13:41:46	Charlevoix	Serology	405	15492
2020/10/03 13:41:46	Charlevoix	Total	7618	291397
2020/10/03 13:41:46	Cheboygan	Serology	217	8585
2020/10/03 13:41:46	Cheboygan	Diagnostic	3919	155048

2020/10/03 13:41:46	Cheboygan	Total	4136	163633
2020/10/03 13:41:46	Chippewa	Diagnostic	5574	149241
2020/10/03 13:41:46	Chippewa	Serology	134	3588
2020/10/03 13:41:46	Chippewa	Total	5708	152829
2020/10/03 13:41:46	Clare	Diagnostic	5212	168401
2020/10/03 13:41:46	Clare	Serology	329	10630
2020/10/03 13:41:46	Clare	Total	5541	179031
2020/10/03 13:41:46	Clinton	Serology	2584	32464
2020/10/03 13:41:46	Clinton	Diagnostic	18958	238181
2020/10/03 13:41:46	Clinton	Total	21542	270645
2020/10/03 13:41:46	Correctional	Serology	11224	
2020/10/03 13:41:46	Correctional	Diagnostic	112580	
2020/10/03 13:41:46	Correctional	Total	123804	
2020/10/03 13:41:46	Crawford	Diagnostic	3030	215981
2020/10/03 13:41:46	Crawford	Serology	84	5988
2020/10/03 13:41:46	Crawford	Total	3114	221969
2020/10/03 13:41:46	Delta	Diagnostic	12910	360776
2020/10/03 13:41:46	Delta	Serology	248	6930
2020/10/03 13:41:46	Delta	Total	13158	367706
2020/10/03 13:41:46	Detroit City	Serology	15006	23093
2020/10/03 13:41:46	Detroit City	Diagnostic	289320	445242
2020/10/03 13:41:46	Detroit City	Total	304326	468335
2020/10/03 13:41:46	Dickinson	Diagnostic	4570	181069
2020/10/03 13:41:46	Dickinson	Serology	70	2773
2020/10/03 13:41:46	Dickinson	Total	4640	183842
2020/10/03 13:41:46	Eaton	Diagnostic	40692	369028
2020/10/03 13:41:46	Eaton	Serology	3927	35613
2020/10/03 13:41:46	Eaton	Total	44619	404641
2020/10/03 13:41:46	Emmet	Diagnostic	9621	287925
2020/10/03 13:41:46	Emmet	Serology	866	25917
2020/10/03 13:41:46	Emmet	Total	10487	313841
2020/10/03 13:41:46	Genesee	Diagnostic	105880	260908
2020/10/03 13:41:46	Genesee	Serology	11414	28126
2020/10/03 13:41:46	Genesee	Total	117294	289035
2020/10/03 13:41:46	Gladwin	Diagnostic	5579	219223
2020/10/03 13:41:46	Gladwin	Serology	263	10334
2020/10/03 13:41:46	Gladwin	Total	5842	229557
2020/10/03 13:41:46	Gogebic	Diagnostic	7930	567442
2020/10/03 13:41:46	Gogebic	Serology	92	6583
2020/10/03 13:41:46	Gogebic	Total	8022	574025
2020/10/03 13:41:46	Grand Traverse	Diagnostic	25357	272398
2020/10/03 13:41:46	Grand Traverse	Serology	1335	14341
2020/10/03 13:41:46	Grand Traverse	Total	26692	286739
2020/10/03 13:41:46	Gratiot	Diagnostic	18586	456535
2020/10/03 13:41:46	Gratiot	Serology	449	11029
2020/10/03 13:41:46	Gratiot	Total	19035	467564
2020/10/03 13:41:46	Hillsdale	Serology	340	7455
2020/10/03 13:41:46	Hillsdale	Diagnostic	12551	275211
2020/10/03 13:41:46	Hillsdale	Total	12891	282666
2020/10/03 13:41:46	Houghton	Serology	143	4007

2020/10/03 13:41:46	Houghton	Diagnostic	11775	329980
2020/10/03 13:41:46	Houghton	Total	11918	333987
2020/10/03 13:41:46	Huron	Diagnostic	10092	325748
2020/10/03 13:41:46	Huron	Serology	276	8909
2020/10/03 13:41:46	Huron	Total	10368	334657
2020/10/03 13:41:46	Ingham	Serology	13531	46275
2020/10/03 13:41:46	Ingham	Diagnostic	116131	397157
2020/10/03 13:41:46	Ingham	Total	129662	443431
2020/10/03 13:41:46	Ionia	Diagnostic	21339	329830
2020/10/03 13:41:46	Ionia	Serology	1109	17141
2020/10/03 13:41:46	Ionia	Total	22448	346971
2020/10/03 13:41:46	Iosco	Diagnostic	7972	317268
2020/10/03 13:41:46	Iosco	Serology	195	7761
2020/10/03 13:41:46	Iosco	Total	8167	325029
2020/10/03 13:41:46	Iron	Diagnostic	7919	715615
2020/10/03 13:41:46	Iron	Serology	33	2982
2020/10/03 13:41:46	Iron	Total	7952	718598
2020/10/03 13:41:46	Isabella	Diagnostic	14049	201068
2020/10/03 13:41:46	Isabella	Serology	573	8201
2020/10/03 13:41:46	Isabella	Total	14622	209268
2020/10/03 13:41:46	Jackson	Diagnostic	68795	434010
2020/10/03 13:41:46	Jackson	Serology	1585	9999
2020/10/03 13:41:46	Jackson	Total	70380	444010
2020/10/03 13:41:46	Kalamazoo	Diagnostic	89074	336045
2020/10/03 13:41:46	Kalamazoo	Serology	3097	11684
2020/10/03 13:41:46	Kalamazoo	Total	92171	347728
2020/10/03 13:41:46	Kalkaska	Diagnostic	6556	363455
2020/10/03 13:41:46	Kalkaska	Serology	149	8260
2020/10/03 13:41:46	Kalkaska	Total	6705	371715
2020/10/03 13:41:46	Kent	Serology	16921	25757
2020/10/03 13:41:46	Kent	Diagnostic	270966	412457
2020/10/03 13:41:46	Kent	Total	287887	438214
2020/10/03 13:41:46	Keweenaw	Diagnostic	618	292060
2020/10/03 13:41:46	Keweenaw	Serology	16	7561
2020/10/03 13:41:46	Keweenaw	Total	634	299622
2020/10/03 13:41:46	Lake	Serology	115	9702
2020/10/03 13:41:46	Lake	Diagnostic	3765	317641
2020/10/03 13:41:46	Lake	Total	3880	327343
2020/10/03 13:41:46	Lapeer	Serology	1666	19017
2020/10/03 13:41:46	Lapeer	Diagnostic	19428	221763
2020/10/03 13:41:46	Lapeer	Total	21094	240780
2020/10/03 13:41:46	Leelanau	Diagnostic	4372	200910
2020/10/03 13:41:46	Leelanau	Serology	199	9145
2020/10/03 13:41:46	Leelanau	Total	4571	210055
2020/10/03 13:41:46	Lenawee	Diagnostic	26940	273639
2020/10/03 13:41:46	Lenawee	Serology	925	9396
2020/10/03 13:41:46	Lenawee	Total	27865	283034
2020/10/03 13:41:46	Livingston	Serology	4664	24292
2020/10/03 13:41:46	Livingston	Diagnostic	59836	311654
2020/10/03 13:41:46	Livingston	Total	64500	335946

2020/10/03 13:41:46	Luce	Diagnostic	1584	254294
2020/10/03 13:41:46	Luce	Serology	33	5298
2020/10/03 13:41:46	Luce	Total	1617	259592
2020/10/03 13:41:46	Mackinac	Diagnostic	2338	216502
2020/10/03 13:41:46	Mackinac	Serology	56	5186
2020/10/03 13:41:46	Mackinac	Total	2394	221687
2020/10/03 13:41:46	Macomb	Diagnostic	251684	287977
2020/10/03 13:41:46	Macomb	Serology	29575	33840
2020/10/03 13:41:46	Macomb	Total	281259	321817
2020/10/03 13:41:46	Manistee	Diagnostic	5183	211051
2020/10/03 13:41:46	Manistee	Serology	273	11117
2020/10/03 13:41:46	Manistee	Total	5456	222168
2020/10/03 13:41:46	Marquette	Serology	951	14258
2020/10/03 13:41:46	Marquette	Diagnostic	35043	525390
2020/10/03 13:41:46	Marquette	Total	35994	539648
2020/10/03 13:41:46	Mason	Diagnostic	11079	380147
2020/10/03 13:41:46	Mason	Serology	471	16161
2020/10/03 13:41:46	Mason	Total	11550	396308
2020/10/03 13:41:46	Mecosta	Diagnostic	13340	306998
2020/10/03 13:41:46	Mecosta	Serology	466	10724
2020/10/03 13:41:46	Mecosta	Total	13806	317723
2020/10/03 13:41:46	Menominee	Diagnostic	5981	262555
2020/10/03 13:41:46	Menominee	Serology	44	1932
2020/10/03 13:41:46	Menominee	Total	6025	264486
2020/10/03 13:41:46	Midland	Serology	1801	21658
2020/10/03 13:41:46	Midland	Diagnostic	14481	174143
2020/10/03 13:41:46	Midland	Total	16282	195801
2020/10/03 13:41:46	Missaukee	Diagnostic	3185	210676
2020/10/03 13:41:46	Missaukee	Serology	129	8533
2020/10/03 13:41:46	Missaukee	Total	3314	219209
2020/10/03 13:41:46	Monroe	Diagnostic	39899	265110
2020/10/03 13:41:46	Monroe	Serology	2601	17282
2020/10/03 13:41:46	Monroe	Total	42500	282392
2020/10/03 13:41:46	Montcalm	Diagnostic	23134	362102
2020/10/03 13:41:46	Montcalm	Serology	1056	16529
2020/10/03 13:41:46	Montcalm	Total	24190	378631
2020/10/03 13:41:46	Montmorency	Diagnostic	1553	166488
2020/10/03 13:41:46	Montmorency	Serology	121	12972
2020/10/03 13:41:46	Montmorency	Total	1674	179460
2020/10/03 13:41:46	Muskegon	Diagnostic	68457	394415
2020/10/03 13:41:46	Muskegon	Serology	1426	8216
2020/10/03 13:41:46	Muskegon	Total	69883	402631
2020/10/03 13:41:46	Newaygo	Diagnostic	15254	311433
2020/10/03 13:41:46	Newaygo	Serology	719	14679
2020/10/03 13:41:46	Newaygo	Total	15973	326113
2020/10/03 13:41:46	Oakland	Serology	65095	51762
2020/10/03 13:41:46	Oakland	Diagnostic	403138	320565
2020/10/03 13:41:46	Oakland	Total	468233	372327
2020/10/03 13:41:46	Oceana	Serology	316	11939
2020/10/03 13:41:46	Oceana	Diagnostic	12753	481845

2020/10/03 13:41:46	Oceana	Total	13069	493785
2020/10/03 13:41:46	Ogemaw	Diagnostic	4817	229414
2020/10/03 13:41:46	Ogemaw	Serology	168	8001
2020/10/03 13:41:46	Ogemaw	Total	4985	237415
2020/10/03 13:41:46	Ontonagon	Diagnostic	2928	511888
2020/10/03 13:41:46	Ontonagon	Serology	26	4545
2020/10/03 13:41:46	Ontonagon	Total	2954	516434
2020/10/03 13:41:46	Osceola	Diagnostic	8506	362575
2020/10/03 13:41:46	Osceola	Serology	315	13427
2020/10/03 13:41:46	Osceola	Total	8821	376002
2020/10/03 13:41:46	Oscoda	Diagnostic	1493	181167
2020/10/03 13:41:46	Oscoda	Serology	31	3762
2020/10/03 13:41:46	Oscoda	Total	1524	184929
2020/10/03 13:41:46	Otsego	Diagnostic	4533	183760
2020/10/03 13:41:46	Otsego	Serology	287	11635
2020/10/03 13:41:46	Otsego	Total	4820	195395
2020/10/03 13:41:46	Ottawa	Diagnostic	111975	383699
2020/10/03 13:41:46	Ottawa	Serology	5088	17435
2020/10/03 13:41:46	Ottawa	Total	117063	401134
2020/10/03 13:41:46	Presque Isle	Diagnostic	2062	163755
2020/10/03 13:41:46	Presque Isle	Serology	148	11753
2020/10/03 13:41:46	Presque Isle	Total	2210	175508
2020/10/03 13:41:46	Roscommon	Diagnostic	6241	259836
2020/10/03 13:41:46	Roscommon	Serology	295	12282
2020/10/03 13:41:46	Roscommon	Total	6536	272118
2020/10/03 13:41:46	Saginaw	Diagnostic	83191	436609
2020/10/03 13:41:46	Saginaw	Serology	2289	12013
2020/10/03 13:41:46	Saginaw	Total	85480	448622
2020/10/03 13:41:46	Sanilac	Diagnostic	13248	321788
2020/10/03 13:41:46	Sanilac	Serology	500	12145
2020/10/03 13:41:46	Sanilac	Total	13748	333932
2020/10/03 13:41:46	Schoolcraft	Diagnostic	1828	225846
2020/10/03 13:41:46	Schoolcraft	Serology	41	5065
2020/10/03 13:41:46	Schoolcraft	Total	1869	230912
2020/10/03 13:41:46	Shiawassee	Diagnostic	21331	313129
2020/10/03 13:41:46	Shiawassee	Serology	1550	22753
2020/10/03 13:41:46	Shiawassee	Total	22881	335883
2020/10/03 13:41:46	St Clair	Diagnostic	36364	228520
2020/10/03 13:41:46	St Clair	Serology	4204	26419
2020/10/03 13:41:46	St Clair	Total	40568	254939
2020/10/03 13:41:46	St Joseph	Diagnostic	19109	313447
2020/10/03 13:41:46	St Joseph	Serology	662	10859
2020/10/03 13:41:46	St Joseph	Total	19771	324306
2020/10/03 13:41:46	Tuscola	Diagnostic	21572	412901
2020/10/03 13:41:46	Tuscola	Serology	677	12958
2020/10/03 13:41:46	Tuscola	Total	22249	425859
2020/10/03 13:41:46	Unknown	Diagnostic	232373	
2020/10/03 13:41:46	Unknown	Serology	19788	
2020/10/03 13:41:46	Unknown	Total	252161	
2020/10/03 13:41:46	Van Buren	Serology	640	8457

2020/10/03 13:41:46	Van Buren	Diagnostic	30454	402421
2020/10/03 13:41:46	Van Buren	Total	31094	410878
2020/10/03 13:41:46	Washtenaw	Serology	10569	28751
2020/10/03 13:41:46	Washtenaw	Diagnostic	152769	415584
2020/10/03 13:41:46	Washtenaw	Total	163338	444335
2020/10/03 13:41:46	Wayne	Serology	42965	38924
2020/10/03 13:41:46	Wayne	Diagnostic	429554	389155
2020/10/03 13:41:46	Wayne	Total	472519	428079
2020/10/03 13:41:46	Wexford	Serology	275	8177
2020/10/03 13:41:46	Wexford	Diagnostic	9079	269959
2020/10/03 13:41:46	Wexford	Total	9354	278136

PUBLIC USE DATASETS

Diagnostic Tests by Result and County

README

Data include diagnostic tests for COVID-19 by date and county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Correctional includes state and federal prisons and county and city detection facilities. Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

The total number of positive tests may exceed the number of confirmed cases due to 1) a single individual may have more than one test performed; 2) MDHHS may receive data on positive tests in advance of a local health department classifying an individual as a confirmed or probable case, and 3) although efforts have been made to deduplicate testing data, some duplication may occur.

DIAGNOSTIC TESTS BY RESULT AND COUNTY 2020-10-03

MessageDate	COUNTY	Negative	Positive	Total
10/2/2020	Alcona	21	1	22
10/2/2020	Alger	12	0	12
10/2/2020	Allegan	268	16	284
10/2/2020	Alpena	42	0	42
10/2/2020	Antrim	50	0	50
10/2/2020	Arenac	34	1	35
10/2/2020	Baraga	442	3	445
10/2/2020	Barry	209	5	214
10/2/2020	Bay	467	19	486
10/2/2020	Benzie	60	3	63
10/2/2020	Berrien	663	29	692
10/2/2020	Branch	273	7	280
10/2/2020	Calhoun	665	31	696
10/2/2020	Cass	125	11	136
10/2/2020	Charlevoix	69	0	69
10/2/2020	Cheboygan	76	0	76
10/2/2020	Chippewa	30	1	31
10/2/2020	Clare	34	1	35
10/2/2020	Clinton	179	10	189
10/2/2020	Correctional	267	0	267
10/2/2020	Crawford	17	0	17
10/2/2020	Delta	261	38	299
10/2/2020	Detroit City	2379	40	2419
10/2/2020	Dickinson	62	4	66
10/2/2020	Eaton	446	14	460
10/2/2020	Emmet	256	3	259
10/2/2020	Genesee	1398	59	1457
10/2/2020	Gladwin	34	1	35
10/2/2020	Gogebic	64	3	67
10/2/2020	Grand Traverse	380	13	393
10/2/2020	Gratiot	298	1	299
10/2/2020	Hillsdale	108	2	110
10/2/2020	Houghton	187	15	202
10/2/2020	Huron	112	0	112
10/2/2020	Ingham	1364	30	1394
10/2/2020	Ionia	250	6	256
10/2/2020	Iosco	72	3	75
10/2/2020	Iron	379	15	394
10/2/2020	Isabella	156	5	161
10/2/2020	Jackson	552	18	570
10/2/2020	Kalamazoo	757	30	787
10/2/2020	Kalkaska	161	1	162
10/2/2020	Kent	3256	134	3390
10/2/2020	Keweenaw	11	1	12
10/2/2020	Lake	26	0	26
10/2/2020	Lapeer	215	3	218
10/2/2020	Leelanau	87	2	89

10/2/2020	Lenawee	248	7	255
10/2/2020	Livingston	525	18	543
10/2/2020	Luce	27	0	27
10/2/2020	Mackinac	6	0	6
10/2/2020	Macomb	2064	95	2159
10/2/2020	Manistee	152	2	154
10/2/2020	Marquette	445	9	454
10/2/2020	Mason	73	0	73
10/2/2020	Mecosta	141	9	150
10/2/2020	Menominee	144	4	148
10/2/2020	Midland	171	5	176
10/2/2020	Missaukee	22	0	22
10/2/2020	Monroe	514	11	525
10/2/2020	Montcalm	266	6	272
10/2/2020	Montmorency	19	1	20
10/2/2020	Muskegon	517	17	534
10/2/2020	Newaygo	137	10	147
10/2/2020	Oakland	3812	94	3906
10/2/2020	Oceana	48	1	49
10/2/2020	Ogemaw	136	0	136
10/2/2020	Ontonagon	29	1	30
10/2/2020	Osceola	71	4	75
10/2/2020	Oscoda	11	0	11
10/2/2020	Otsego	20	0	20
10/2/2020	Ottawa	1137	38	1175
10/2/2020	Presque Isle	26	1	27
10/2/2020	Roscommon	47	1	48
10/2/2020	Saginaw	1040	27	1067
10/2/2020	Sanilac	144	1	145
10/2/2020	Schoolcraft	8	3	11
10/2/2020	Shiawassee	256	6	262
10/2/2020	St Clair	460	5	465
10/2/2020	St Joseph	108	5	113
10/2/2020	Tuscola	264	5	269
10/2/2020	Unknown	2392	24	2416
10/2/2020	Van Buren	303	11	314
10/2/2020	Washtenaw	1377	18	1395
10/2/2020	Wayne	4102	138	4240
10/2/2020	Wexford	99	1	100